

## **ABSTRACT OF THE DISCLOSURE**

A DC-DC converter circuit includes a transformer with a resonate filter or snubber connected at a primary side and a switch for controlling operation of the converter. A secondary side of the transformer includes self-driven synchronous rectifiers and an output filter. Transistors are provided at the gates leads of the rectifiers and themselves are provided with a fixed voltage at their gates so as to clamp the peak voltages across to the rectifiers.

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